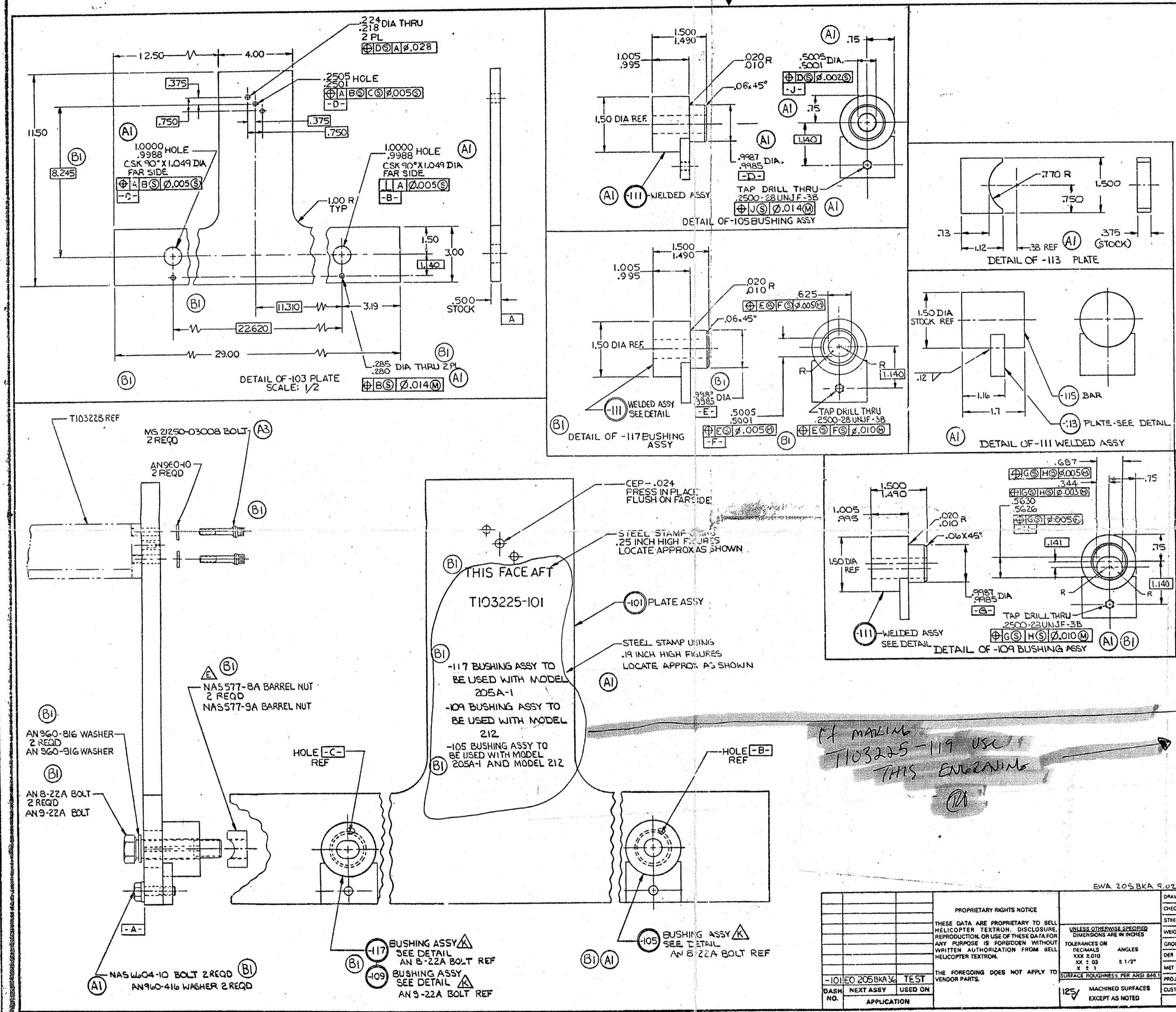


SHOP COPY

RELEASED FOR PROD.
DATE: 7/18/11 INT: 8
12-02-13 M



EWA 205 BKA 9-02 W. 2 244		DRAWN J. ALCON 8-29-73
CHECKED [Signature] 8-29-73		STRESS RELIEF RELIEF 15-02-79
UNLESS OTHERWISE SPECIFIED	DIMENSIONS ARE IN INCHES	WEIGHTS
TOLERANCES ON	PIECES AND ANGLES	GROUP ENGR. D. GORE & K. HALL
PIECES	XXX ± .010	DER
XX ± .003	± 1/2°	MATERIAL DESIGN
X ± .001		PROJECT LEADER [Signature] 10-13-79
		DWG CODE IDENT NO. DWG NO.
		T103225 F 97499
		SCALE 1/1 NOTED ISSUED SHEET 1 OF 1

986 88

8 weeks

Bell Helicopter TEXTRON Division of Textron Inc POST OFFICE BOX 482 • FORT WORTH, TEXAS 76101		CODE IDENT NUMBER 97499	ENGINEERING ORDER		SERIAL NUMBER 212 APA 82	REISSUE LETTER T103225	DRAWING NUMBER
AUTHORITY FOR CHANGE PCA EWA WO		FOR INTERPRETATION SEE 299-947-739		CHANGE RELEASE	CLASS OF CHG INC <input checked="" type="checkbox"/> UNINC <input type="checkbox"/>	EFFECT ON F D OR INTEGRAL PL F/D <input checked="" type="checkbox"/> PLE <input type="checkbox"/> SH 1 OF 4	REVISION LETTER F/D B PLE
		REASON FOR COMPATIBILITY WITH EXISTING TOOLING OF TAILBOOM				DRAWING TITLE ALIGNMENT PLATE-TAILBOOM BULK HEAD	
LETAR 212BAA9.03 2D08		TRANSACTION CODES (TC): C-CREATE A-ADD R-REVISE D-DECREASE		TENSILE 1000 PSI OR CONDITION INITIAL FINAL		MATERIAL SPEC CODE	
				LATEST F D REVISION LTR			
		CREATED -117					
		CHG NOTES AS SHOWN					
		IR K. -105 BUSHING ASSY AND -117 BUSHING ASSY TO BE USED WITH MODEL 205A-1 AND -105 BUSHING ASSY AND -109 BUSHING ASSY TO BE USED WITH MODEL 212.					
		-101, -103 AND -109 MAY BE REWORKED.					
D -107 1 -101 C							
A NAS 577-9A 1 -101 BARREL NUT						E	
A NAS 577-8A 2 -101 BARREL NUT						E	
A NAS 6604-10 1 -101 BOLT							
DMS21044-D8 2 -101							
DMS171585 1 -101							
A -111 1 -117 WELDED ASSY						A	
C -117 1 -101 BUSHING ASSY				NOTE J, K A			
PART NUMBER QTY PER ASSY		NEXT ASSY DASH NO. S A		NOMENCLATURE GFAE SAME AS CODE IDENT FINISH CODE		CHEM ORGANIC NOTE C A SH ZONE DI	
J. ALCON 8-12-81 S/ASSS 9-4-81 WEIGHTS DER CSNEIG MGT SEARES % 100% 100% 100%		CHECKED C. Lamb 9-12-81 GROUP ENGR 9-12-81 PROJECT 9-20-81 CUSTOMER MFG BD REL DATE 73 7/14		CNC COUNT 100% 100% 100%		MFG BD REL DATE 73 7/14	
TEST		NO PMOD FROM THRU KIT PART NUMBER		CATEGORY ONE SERIAL EFF		MOD EFFECTIVITY REMARKS	
1 199 T35 T Test							

7857 59774 REV 780

Bell Helicopter TEXTRON Division of Textron Inc POST OFFICE BOX 482 • FORT WORTH, TEXAS 76101		CODE IDENT NUMBER 97499	ENGINEERING ORDER		SERIAL NUMBER 212 APA 82	REISSUE LETTER T103225	DRAWING NUMBER T103225
LINE	C	DASH NUMBER	THICKNESS SHAPE	WIDTH WALL	LENGTH	TENSILE 1000 PSI OR CONDITION INITIAL FINAL	MATERIAL SPEC CODE
1							
REVISED DETAIL -103							
23							
24	A	AN 8-22A	1	-101	BOLT		
25	A	AN960-916	1	-101	WASHER		
26	A	AN960-416	1	-101	WASHER		
PART NUMBER		NEXT ASSY.DASH NO. S A		NOMENCLATURE GFAE SAME AS CODE IDENT FINISH CODE		CHEM ORGANIC NOTE C A SH ZONE DI	
BH17852 59775							

Bell Helicopter TEXTRON Division of Textron Inc POST OFFICE BOX 482 • FORT WORTH, TEXAS 76101		CODE IDENT NUMBER 97499	ENGINEERING ORDER		SERIAL NUMBER 212 APA 82	REISSUE LETTER T103225	DRAWING NUMBER T103225
LINE	C	DASH NUMBER	THICKNESS SHAPE	WIDTH WALL	LENGTH	TENSILE 1000 PSI OR CONDITION INITIAL FINAL	SH 3
1							
REVISED DETAIL -103							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
PART NUMBER		QTY PER ASSY		NEXT ASSY.DASH NO. S A		NOMENCLATURE GFAE SAME AS CODE IDENT FINISH CODE	
BH17852 59775							

Bell Helicopter TEXTRON Division of Textron Inc POST OFFICE BOX 482 • FORT WORTH, TEXAS 76101		CODE IDENT NUMBER 97499	ENGINEERING ORDER		SERIAL NUMBER 212 APA 82	REISSUE LETTER T103225	DRAWING NUMBER T103225
LINE	C	DASH NUMBER	THICKNESS SHAPE	WIDTH WALL	LENGTH	TENSILE 1000 PSI OR CONDITION INITIAL FINAL	MATERIAL SPEC CODE
1							
ON F/D REVISED -101 PLATE ASSY							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
PART NUMBER		QTY PER ASSY		NEXT ASSY.DASH NO. S A		NOMENCLATURE GFAE SAME AS CODE IDENT FINISH CODE	
BH17852 59775							

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PARTS LIST	Bell Helicopter TEXTRON POST OFFICE BOX 482 • FORT WORTH, TEXAS 76101	CODE IDENT NUMBER 97499	CONTRACT NUMBER FOR INTERPRETATION SEE 299-947-739	HEAT TREAT SPEC SEE NOTE H FINISH SPEC	NUMBER PLT103225	REVISION LETTER E																																																																																																																																		
	DRAWING TITLE ALIGNMENT PLATE-TAILBOOM BULKHEAD			EWA 205BKA902	DRAWING TYPE T	SH 1 OF																																																																																																																																		
<p>PL REVISION RECORD</p> <table border="1"> <thead> <tr> <th>LTR</th> <th>DESCRIPTION</th> <th>DATE</th> <th>LTR</th> <th>DESCRIPTION</th> <th>DATE</th> <th>LTR</th> <th>DESCRIPTION</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>ORIG RELEASE</td> <td>10-31-79</td> <td>A</td> <td>205BKA59</td> <td>02-22-80</td> <td>B</td> <td>205BKA63</td> <td>04-17-80</td> </tr> <tr> <td>0</td> <td>212APA78</td> <td>02-16-81</td> <td>E</td> <td>212APA82</td> <td>09-17-81</td> <td>C</td> <td>205BWASS</td> <td>06-09-80</td> </tr> </tbody> </table> <p>PL NOTES</p> <p>A 1 T103225 IS USED IN CONJUNCTION WITH T103223, T103224, T103226, AND T103228 TO FIELD CHECK THE 2 TAIL ROTOR DRIVE SHAFT BEARING HANGERS, 42 DEGREE GEARBOX AND 90 DEGREE GEARBOX ALIGNMENT. B 1 BREAK ALL SHARP EDGES .015R OR .015 X 40-50 DEGREES. C 1 MARK PER BPS FW4050. D 1 FOR TOOL APPLICATION SEE 205-049-001. E 1 USE TO RETAIN BOLT AND WASHER WHEN T103225 IS NOT IN USE. F 1 PRODUCT OF AMERICAN DRILL BUSHING CO., 2000 CAMFIELD, LOS ANGELES, CALIF. 90040. G 1 ANODIZE PER MIL-A-8625, TYPE I, CLASS I H 1 HEAT TREAT PER MIL-H-6088, MIL-H-6875 I 1 CADMIUM PLATE PER FED SPEC. QQ-P-416 CLASS 2, TYPE III; DIM. LIMITS APPLY AFTER PLATING J 1 -105 BUSHING ASSY AND -117 BUSHING ASSY TO BE USED WITH MODEL 205A-1 AND -105 BUSHING ASSY AND K 1 -109 BUSHING ASSY TO BE USED WITH MODEL 212. L 1 WELD PER MIL-W-8611 22 1 SEE ALTERNATE PARTS LIST</p> <p>ALTERNATE PARTS LIST</p> <table border="1"> <thead> <tr> <th>RV</th> <th>LR ALTERNATE PART NUMBER</th> <th>CODE IDENT</th> <th>NOTE</th> <th>ALTERNATE FOR PART NO</th> <th>NOMENCLATURE</th> <th>APPLICABLE ASSEMBLY DASH NUMBERS</th> </tr> </thead> <tbody> <tr> <td></td> <td>AN3-7A</td> <td>BOLT</td> <td></td> <td>MS21250-03008</td> <td>BOLT</td> <td>-101</td> </tr> </tbody> </table> <p>PART NUMBER MATERIAL REQUIREMENTS</p> <table border="1"> <thead> <tr> <th>DASH NO</th> <th>NOMENCLATURE</th> <th>THICKNESS/SHAPE</th> <th>STOCK SIZE</th> <th>WIDTH/WALL LENGTH</th> <th>INITIAL</th> <th>FINAL</th> <th>TYPE</th> <th>NAME</th> <th>SPECIFICATION</th> </tr> </thead> <tbody> <tr> <td>-103</td> <td>PLATE</td> <td>.5600 PLATE</td> <td>11.500</td> <td>29.0</td> <td>T351</td> <td>T351</td> <td>2024</td> <td>AL ALY</td> <td>QQ-A-250/4</td> </tr> <tr> <td>-113</td> <td>PLATE</td> <td>.3750</td> <td>1.200</td> <td>1.6</td> <td>D4</td> <td>75-125</td> <td>4130</td> <td>ALY STEEL</td> <td>MIL-S-6758</td> </tr> <tr> <td>-115</td> <td>BAR</td> <td>1.5000 DIA.</td> <td></td> <td>1.7</td> <td>D4</td> <td>75-125</td> <td>4130</td> <td>ALY STEEL</td> <td>MIL-S-6758</td> </tr> </tbody> </table> <p>PARTS LIST</p> <table border="1"> <thead> <tr> <th>RV</th> <th>LR</th> <th>***** QUANTITY PER ASSEMBLY *****</th> <th>***** PART NUMBER *****</th> <th>EFFECTIVITY CODE</th> <th>FINISH</th> <th>C</th> </tr> <tr> <th>NOMENCLATURE</th> <th>GEAR FROM</th> <th>THRU</th> <th>IDENT</th> <th>CHEM</th> <th>ORG</th> <th>NOTE</th> </tr> </thead> <tbody> <tr> <td>E</td> <td>-101</td> <td></td> <td></td> <td></td> <td></td> <td>A</td> </tr> <tr> <td></td> <td>-103</td> <td></td> <td></td> <td></td> <td></td> <td>D</td> </tr> <tr> <td></td> <td>-105</td> <td></td> <td></td> <td></td> <td></td> <td>G</td> </tr> <tr> <td>E</td> <td>-107</td> <td></td> <td></td> <td></td> <td></td> <td>A</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>J.R.</td> </tr> </tbody> </table>							LTR	DESCRIPTION	DATE	LTR	DESCRIPTION	DATE	LTR	DESCRIPTION	DATE	1	ORIG RELEASE	10-31-79	A	205BKA59	02-22-80	B	205BKA63	04-17-80	0	212APA78	02-16-81	E	212APA82	09-17-81	C	205BWASS	06-09-80	RV	LR ALTERNATE PART NUMBER	CODE IDENT	NOTE	ALTERNATE FOR PART NO	NOMENCLATURE	APPLICABLE ASSEMBLY DASH NUMBERS		AN3-7A	BOLT		MS21250-03008	BOLT	-101	DASH NO	NOMENCLATURE	THICKNESS/SHAPE	STOCK SIZE	WIDTH/WALL LENGTH	INITIAL	FINAL	TYPE	NAME	SPECIFICATION	-103	PLATE	.5600 PLATE	11.500	29.0	T351	T351	2024	AL ALY	QQ-A-250/4	-113	PLATE	.3750	1.200	1.6	D4	75-125	4130	ALY STEEL	MIL-S-6758	-115	BAR	1.5000 DIA.		1.7	D4	75-125	4130	ALY STEEL	MIL-S-6758	RV	LR	***** QUANTITY PER ASSEMBLY *****	***** PART NUMBER *****	EFFECTIVITY CODE	FINISH	C	NOMENCLATURE	GEAR FROM	THRU	IDENT	CHEM	ORG	NOTE	E	-101					A		-103					D		-105					G	E	-107					A							J.R.
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